

	ITEM NO.	QTY. -041	P/N	DESCRIPTION
	1	Х	D4635-041	LH, FWD CEILING PANEL ASSY
	2	1	D4635-141	LH, FWD CEILING REPLACEMENT PANEL ASSY
	3	2	D4646-1	PLENUM CAP ASSEMBLY
Γ	4	2	D4652-9 (REF)	MOUNTING NUT (PART OF D4652-7)
	5	2	D4652-7	AIR VALVE
	6	2	D4655-1	SPEAKER
9	7	2	D4708-9	LANYARD
	8	1	D4728-041	LH SPEAKER #1 HARNESS ASSY
	9	1	D4728-043	LH SPEAKER #2 HARNESS ASSY
	10	1	D4728-059	CABIN LIGHT HARNESS
	11	2	D4743-1	SPEAKER GRILL
	12	8	MS21044-N08	NUT, SELF-LOCKING
	13	6	MS21919WDG8	CLAMP
	14	8	MS24693-BB51	SCREW, CSK 100°
	15	8	NAS1149DN832J	WASHER
	19	7	PLT1.5M-M	TIE-WRAP (OR PLT1.5M-C)

2

D4635-041 LH, FWD CEILING PANEL ASSY

- 1) MATERIAL: N/A

- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.4, ON SMOOTH SIDE
- 7) WEIGHT: 8.0 lbs
- 8) INSTALL D4728-041/-043/-059 WIRE HARNESS PER QSI 048 9) ON D4708-9 LANYARD OPEN TO Ø 0.196 BOTH ENDS

DECICE	DE DART AFROCRACE ITO							
REV.	DESCRIPTION	BY	DATE					
Α	NEW ISSUE	RF	12.07.25					
В	ADDED D4635-141/-142/-143/-144 (ZN B4-9, B4-10, B4-11, B4-12); REVISE D4635-041/-042/-043/-044 PART LIST & GENERAL NOTES; ADDED D4732-41 (ZN B5-8); CHANGE TO D4743-1 SPEAKER GRILL AND MS24693-BB51 SCREWS (SHT 1, 3, 5, 7); ADD VIEWS R'-R' (ZN A7-17) AND S'-S' (ZN A5-17); UPDATE DETAIL 'D' (ZN C7-18)							
С	REVISE NOTE 8) (ZN A8-9, A8-10, A8-11 & A8-12); 32 WAS 34 (ZN C5-15, B5-16); CORRECT TYPO #1 WAS #3 (ZN D4-3); CHANGE TOLERANCE (ZN C3-13, B2-14, B5-17, B7-17, D2-17, D4-17, A3-18)	RF	13.06.18					
D	CORRECTING VIEW FOR ITEM 8 (ZN B2-2); ADDED D5022-1 (ZN D4-9, C3-9, D4-10, C2-10), D5022-3 (ZN D4-11, C6-11), D5022-5 (ZN D4-12, B6-12); DIMENSION SHIFTED DUE ADDING D5022-1/-3/-5; REVISE NOTE 10) (ZN A8-9, A8-10, A8-11, A8-12); NOTE 1) (ZN A8-13, A8-14, A8-14, A8-15, A8-16)	RF	13.12.09					
E	REVISE BOM (ZN D4-1, D4-3, D4-5, D4-7); ADDED NOTE 11) (ZN A8-9, A8-10, A8-11 & A8-12); REVERSE VIEW -142/-144 (ZN B6-10, B6-12); RANGE 1.5-1.8 WAS 1.8 (ZN A7-17); DIMENSION HAS SHIFTED DUE MATERIAL THICKNESS	RF	14.01.09					
F	D4652-5 WAS D4652-1 (ZN D4-1, D4-3, D4-5, D4-7)	RF	14.11.28					
G	D4652-7 WAS D4652-5 (ZN D4-1, D4-3, D4-5, D4-7), REF CAR 18-268	VS	18.08.30					

D4652-7 WAS D4652-5 (ZN D4-1, D4-3, D4-5, D4-7), REF

DESIGN	RF	DART AEROSPACE LTD		
DRAWN	VS	HAWKESBURY, ONTARIO, CANADA		
CHECKED	RF		EV. G	
MFG. APPR.	DD	D4635 SHEET	1 OF 18	
APPROVED	WK ,	TITLE	SCALE	
DE APPR.	DS	OUTBOARD CEILING PANELS	NTS	
DATE 400	0.00	COPYRIGHT © 2012 BY DART AEROSPACE LTD		

18.08.30

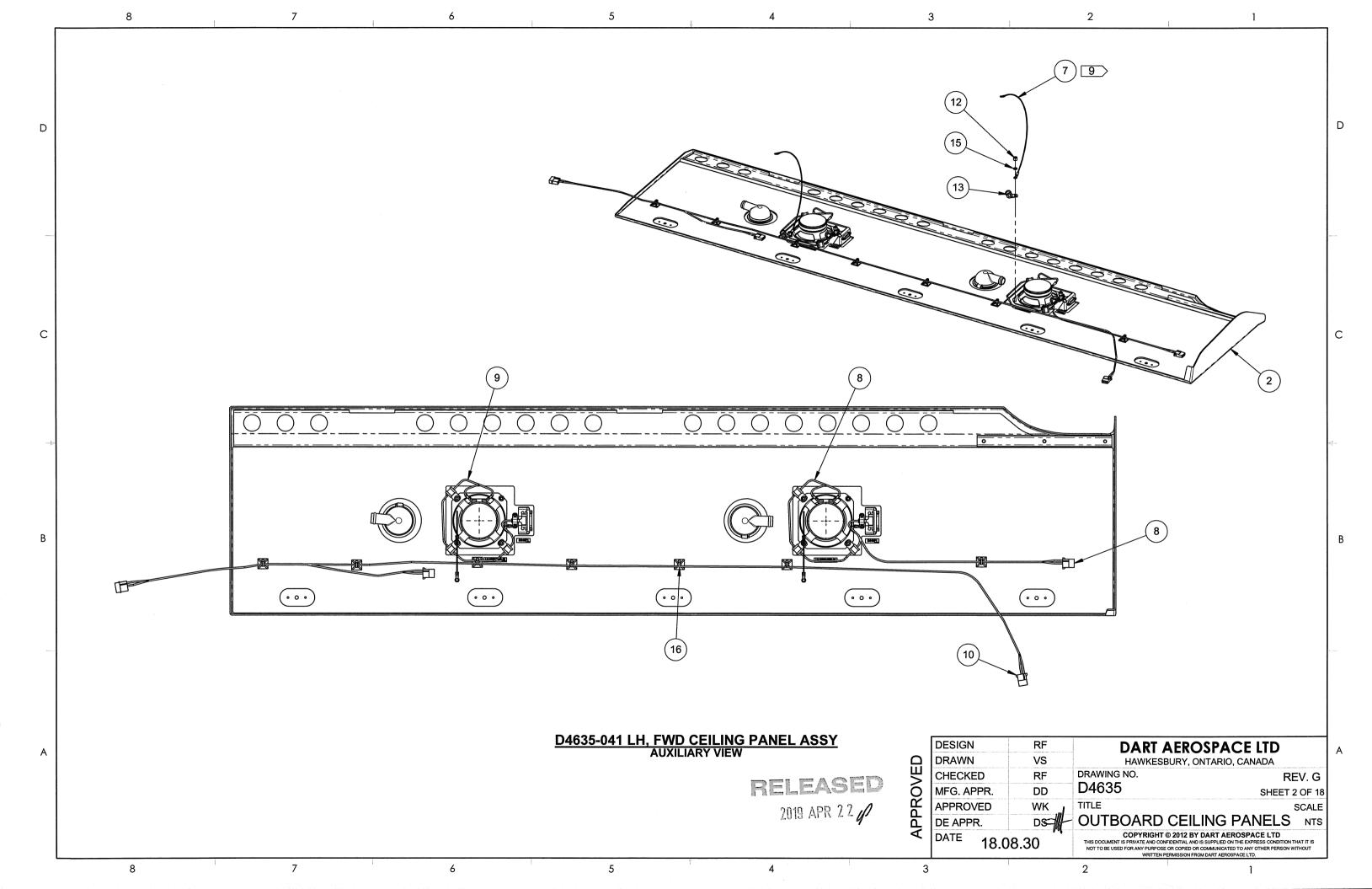
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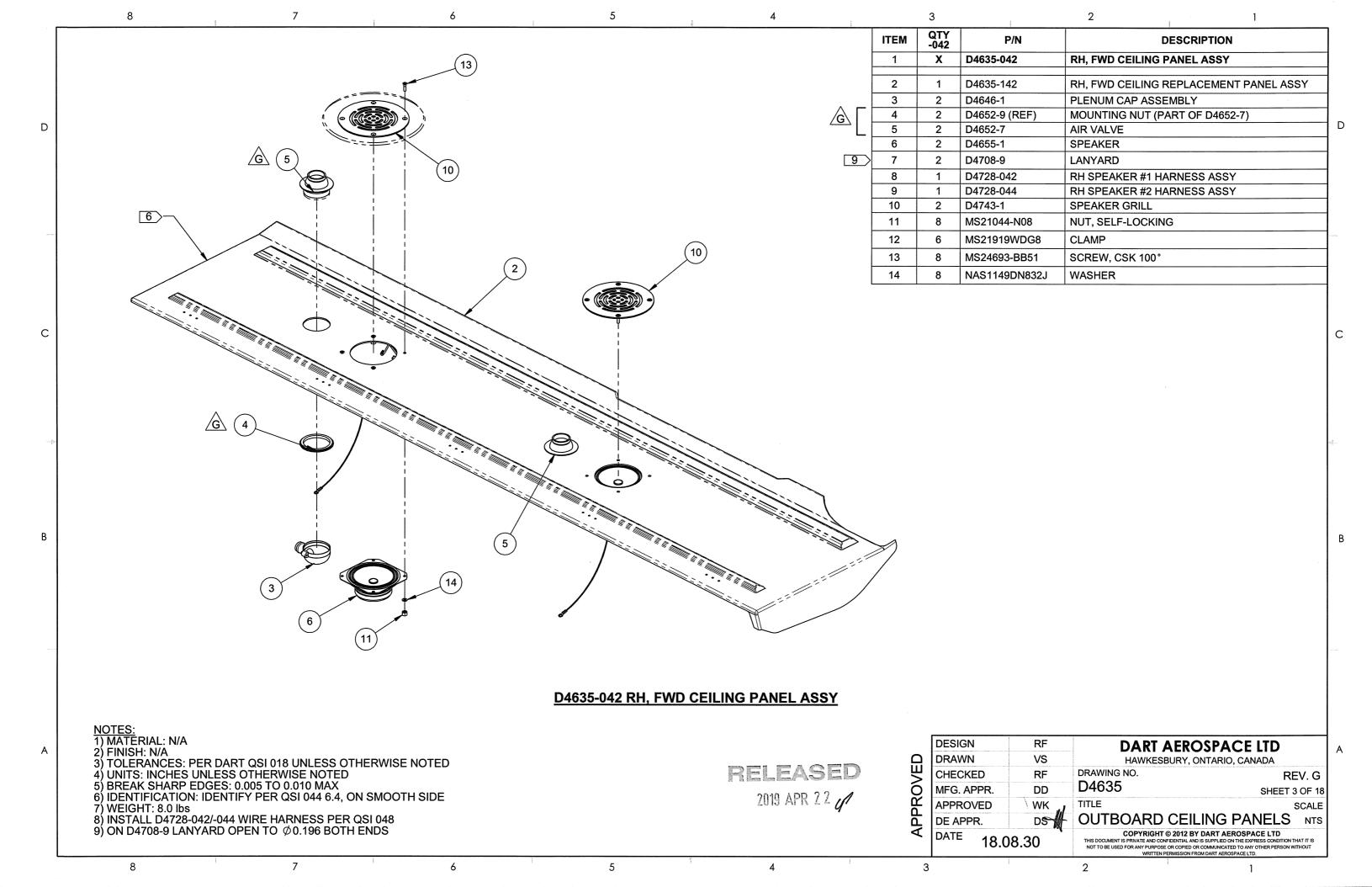
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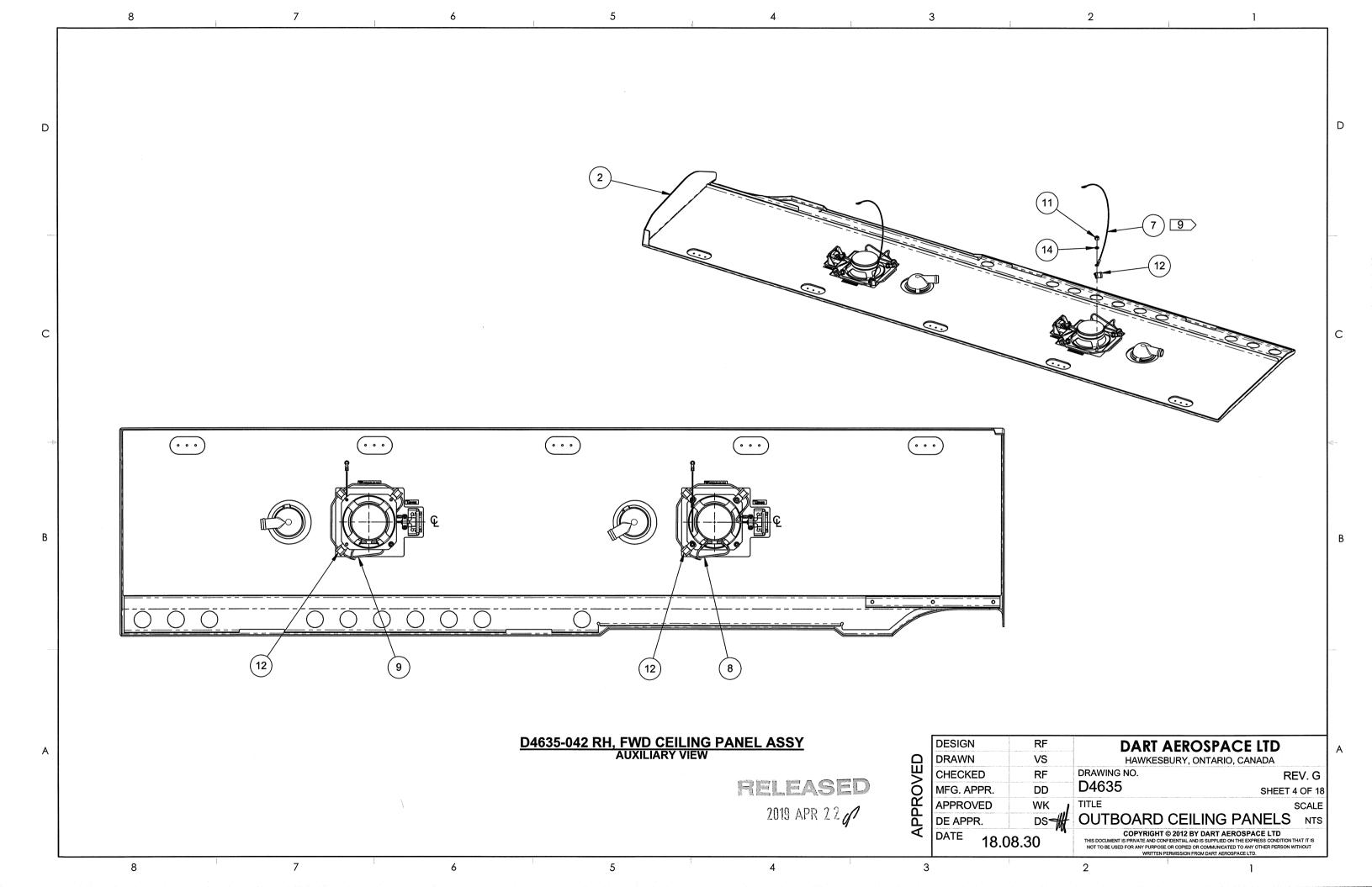
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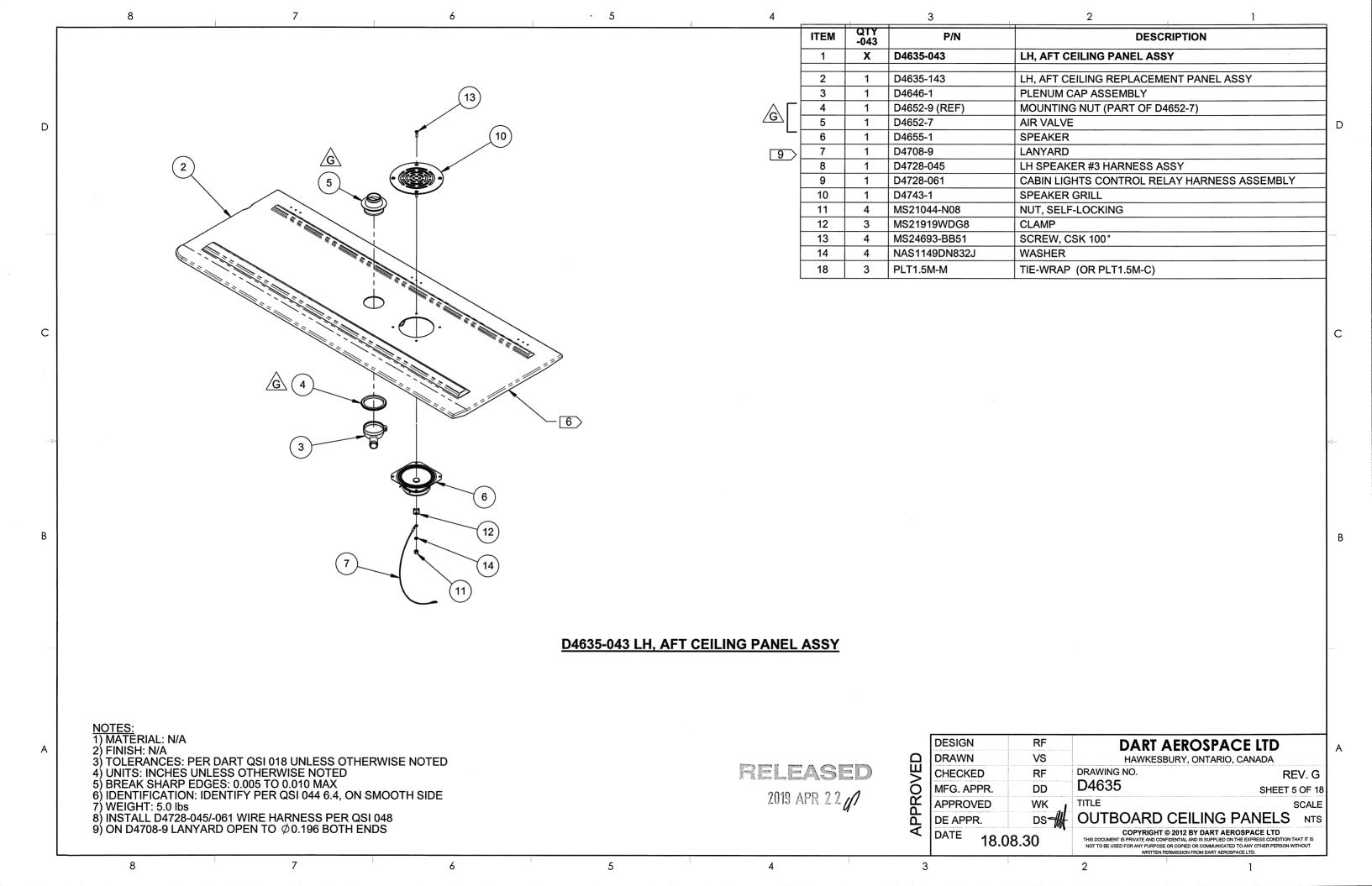
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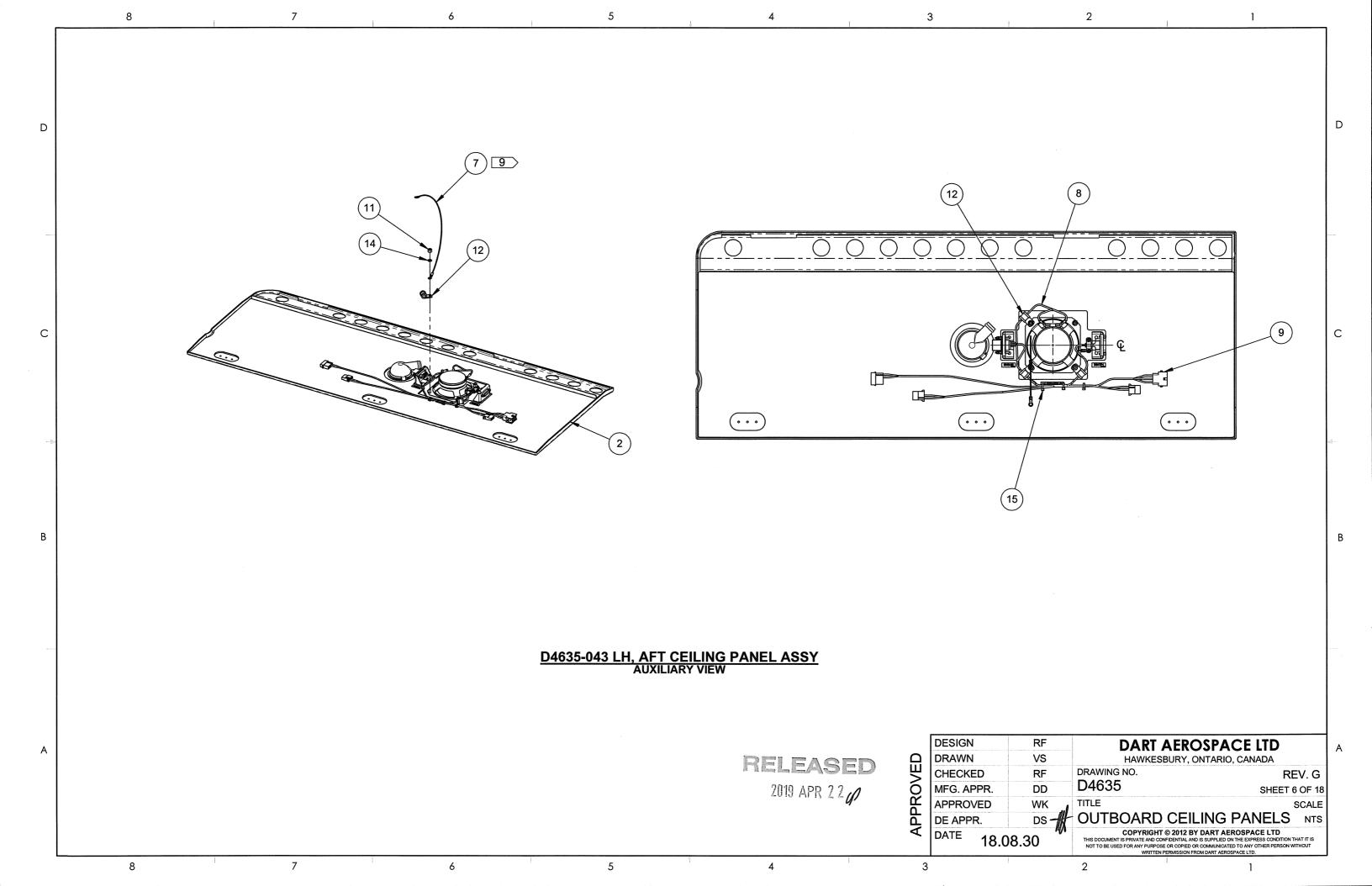
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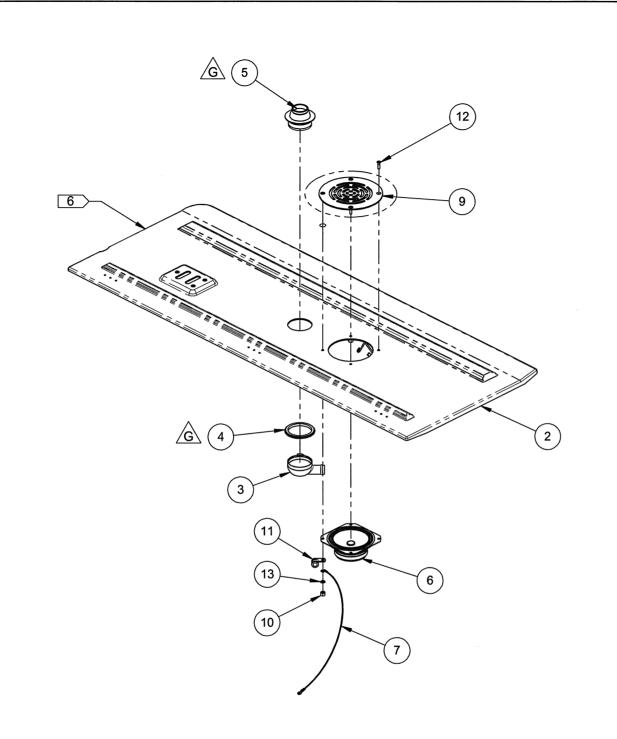












	ITEM	QTY -044	P/N	DESCRIPTION
	1	Х	D4635-044	RH, AFT CEILING PANEL ASSY
	2	1	D4635-144	RH, AFT CEILING REPLACEMENT PANEL ASSY
	3	1	D4646-1	PLENUM CAP ASSEMBLY
	4	1	D4652-9 (REF)	MOUNTING NUT (PART OF D4652-7)
<u> </u>	5	1	D4652-7	AIR VALVE
	6	1	D4655-1	SPEAKER
9	7	1	D4708-9	LANYARD
	8	1	D4728-046	RH SPEAKER #3 HARNESS ASSY
	9	1	D4743-1	SPEAKER GRILL
	10	4	MS21044-N08	NUT, SELF-LOCKING
	11	3	MS21919WDG8	CLAMP
	12	4	MS24693-BB51	SCREW, CSK 100°
	13	4	NAS1149DN832J	WASHER

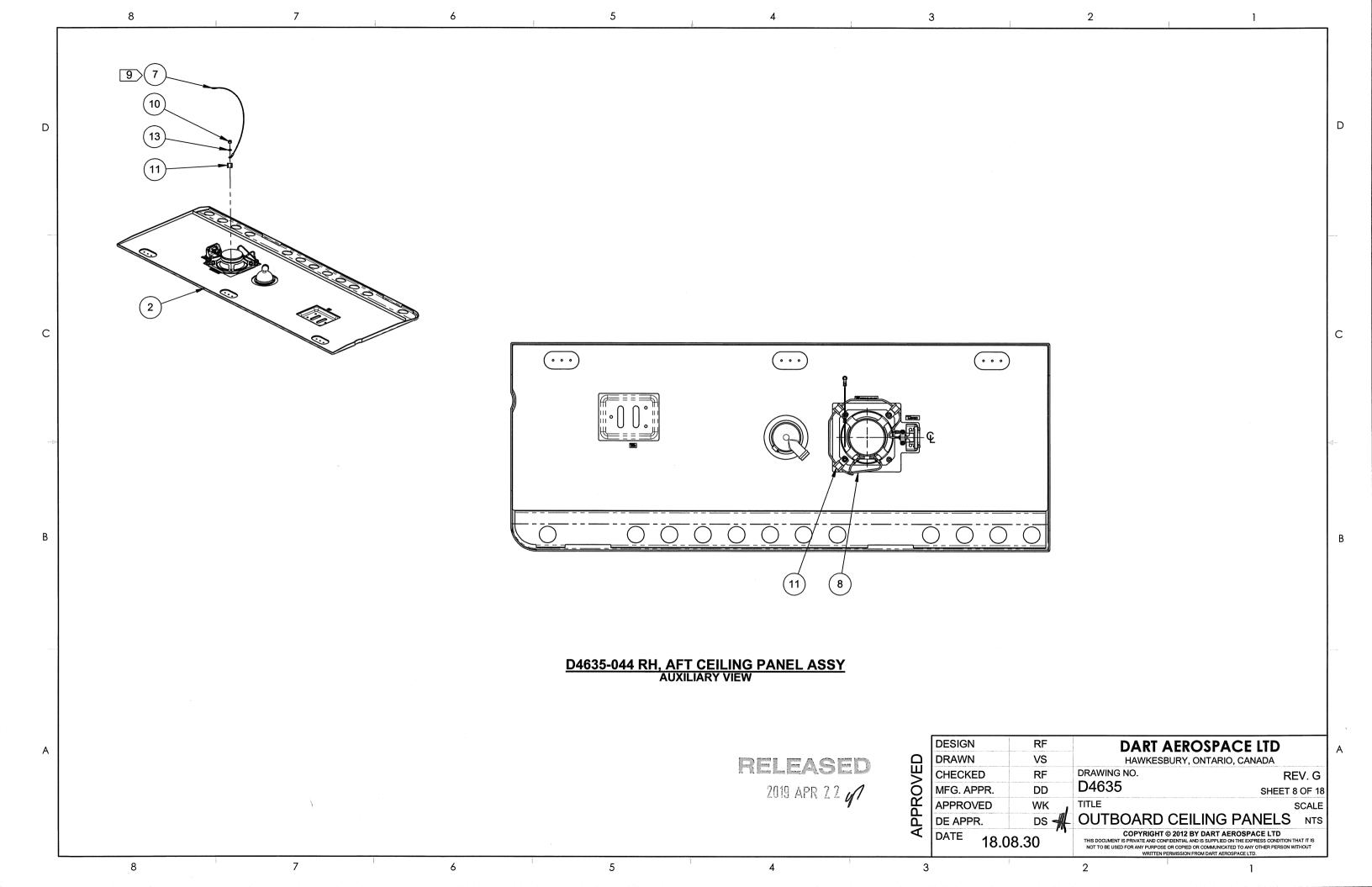
D4635-044 RH, AFT CEILING PANEL ASSY

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NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.4, ON SMOOTH SIDE
7) WEIGHT: 5.0 lbs
8) INSTALL D4728-046 WIRE HARNESS PER QSI 048
9) ON D4708-9 LANYARD OPEN TO Ø0.196 BOTH ENDS

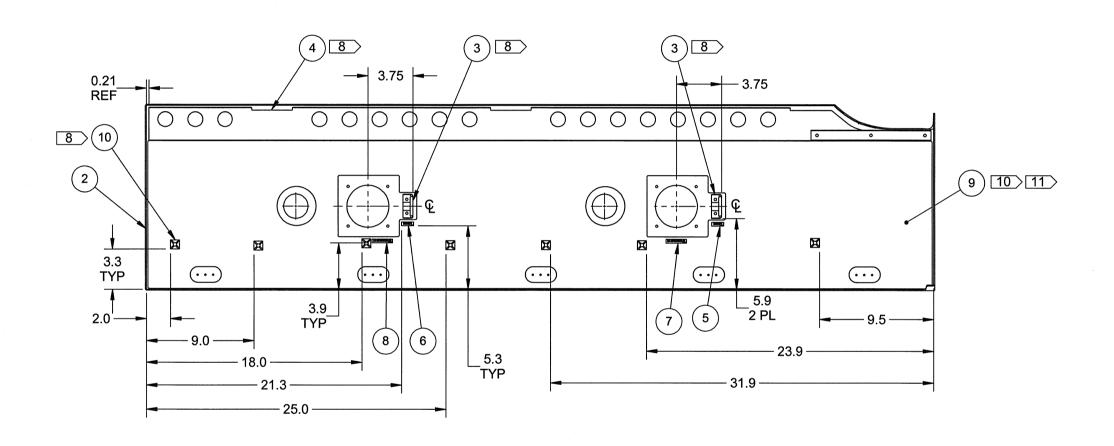
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Ω	DRAWN	VS	HAWKESBURY, ONTARIO, CANADA	
Ą	CHECKED	RF	DRAWING NO. REV	. G
Ó	MFG. APPR.	DD	D4635 SHEET 7 O	F 1
ጁ	APPROVED	WK		ALE
Д	DE APPR.	DS-	OUTBOARD CEILING PANELS	NTS
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	ITEM	QTY -141	P/N	DESCRIPTION			
	1	Х	D4635-141	LH, FWD CEILING REPLACEMENT PANEL ASSY			
	2	1	D4635-1	LH, FWD CEILING PANEL			
	3	2	D4669-1	BRACKET			
9	4	1	D4695-041	LH CHANNEL ASSEMBLY			
	5	1	D4732-5	LABEL			
9	6	1	D4732-9	LABEL			
9	7	1	D4732-29	LABEL			
9	8	1	D4732-33	LABEL			
	9	1	D5022-1	FOAM, SIDE PANEL, FWD			
	10	7	MPNY-750S-9-C	MOUNTING PAD			

D



D4635-141 LH, FWD CEILING REPLACEMENT PANEL ASSY

- NOTES: 1) MATERIAL: N/A 2) FINISH: N/A

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- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: N/A 7) WEIGHT: N/A

8

- 8) APPLY A BEAD (0.20 TO 0.30 WIDE) OF DEVCON PLASTIC WELDER II (0.25 INSIDE OF BOTH EDGES OF PART)
- TO BOND D4669-1, D4695-041 & MPNY-750S-9C. WAIT FOR 2 TO 4 HOURS FOR FUNCTIONAL CURE
- 9) LOCATE LABELS AS SHOWN, SEAL LABELS USING 3950 EDGE SEALER OVER LABEL TOP SURFACE
 10) APPLY AN EVEN COAT OF 3M SCOTCH WELD 1300L CONTACT ADHESIVE TO BOND D5022-1 FOAM CORE TO INSIDE OF PANEL
 11) CENTER D5022-1 FOAM ON D4635-1

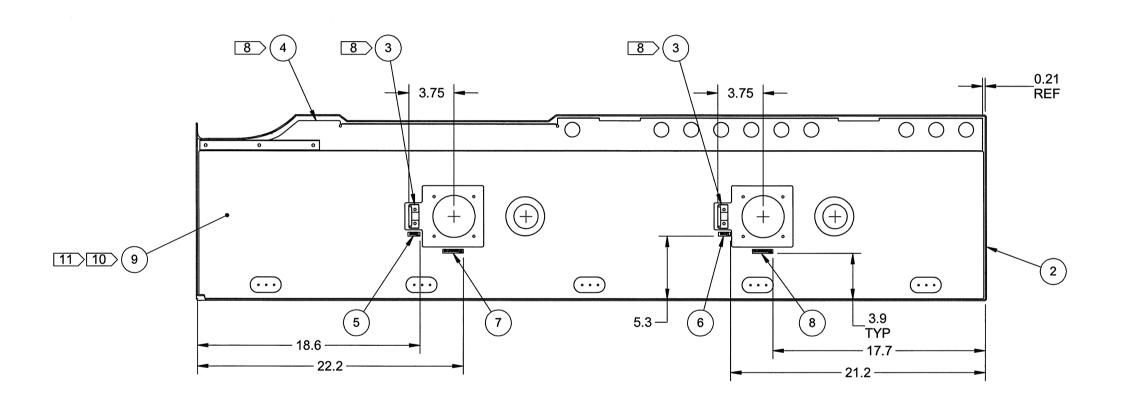
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Ω	DRAWN	VS	HAWKESBURY, ONTARIO, CANADA
N N	CHECKED	RF	DRAWING NO. REV. G
Ó	MFG. APPR.	DD	D4635 SHEET 9 OF 18
ሺ	APPROVED	WK "	TITLE SCALE
ם	DE APPR.	DS	OUTBOARD CEILING PANELS NTS
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	ITEM	QTY -142	P/N	DESCRIPTION
	1	Х	D4635-142	RH, FWD CEILING REPLACEMENT PANEL ASSY
	2	1	D4635-2	RH, FWD CEILING PANEL
	3	2	D4669-1	BRACKET
	4	1	D4695-042	RH CHANNEL ASSEMBLY
9	5	1	D4732-3	LABEL
9	6	1	D4732-7	LABEL
9	7	1	D4732-31	LABEL
9	8	1	D4732-35	LABEL
	9	1	D5022-1	FOAM, SIDE PANEL, FWD



D4635-142 RH, FWD CEILING REPLACEMENT PANEL ASSY

NOTES: 1) MATERIAL: N/A

2) FINISH: N/A

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3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

7) WEIGHT: N/A

8) APPLY A BEAD (0.20 TO 0.30 WIDE) OF DEVCON PLASTIC WELDER II (0.25 INSIDE OF BOTH EDGES OF PART)
TO BOND D4669-1 & D4695-042. WAIT FOR 2 TO 4 HOURS FOR FUNCTIONAL CURE
9) LOCATE LABELS AS SHOWN, SEAL LABELS USING 3950 EDGE SEALER OVER LABEL TOP SURFACE

10) APPLY AN EVEN COAT OF 3M SCOTCH WELD 1300L CONTACT ADHESIVE TO BOND D5022-1 FOAM CORE TO INSIDE OF PANEL 11) CENTER D5022-1 FOAM ON D4635-2

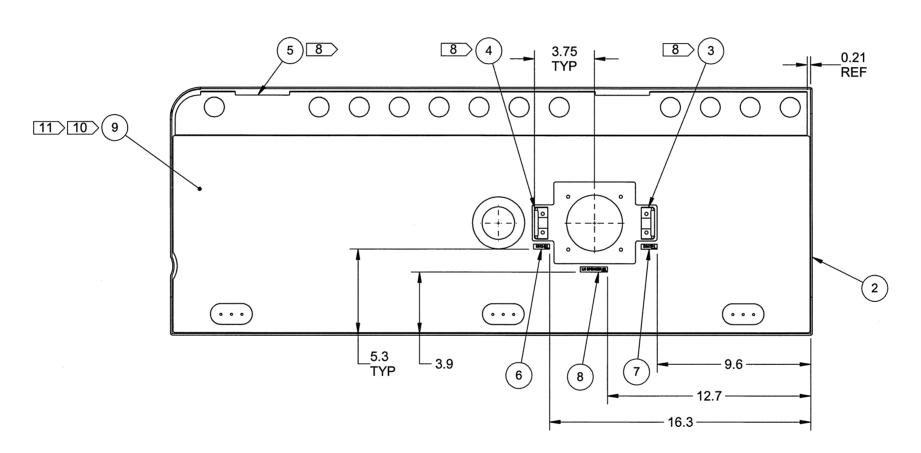
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Ą	CHECKED	RF	DRAWING NO. REV. G		
Ó	MFG. APPR.	DD	D4635 SHEET 10 OF 18		
ሺ	APPROVED	WK	TITLE SCALE		
ᇤ	DE APPR.	DS-	OUTBOARD CEILING PANELS NTS		
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	ITEM	QTY -143	P/N	DESCRIPTION
	1	Х	D4635-143	LH, AFT CEILING REPLACEMENT PANEL ASSY
	2	1	D4635-3	LH, AFT CEILING PANEL
	3	1	D4669-1	BRACKET
	4	1	D4669-3	BRACKET
	5	1	D4695-3	CHANNEL
9	6	1	D4732-1	LABEL
9	7	1	D4732-13	LABEL
9	8	1	D4732-37	LABEL
	9	1	D5022-3	FOAM, SIDE PANEL, AFT, LH



D4635-143 LH, AFT CEILING REPLACEMENT PANEL ASSY

NOTES: 1) MATERIAL: N/A 2) FINISH: N/A

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3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

- 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: N/A

- 7) WEIGHT: N/A
- 8) APPLY A BEAD (0.20 TO 0.30 WIDE) OF DEVCON PLASTIC WELDER II (0.25 INSIDE OF BOTH
- EDGES OF PART) TO BOND D4669-1/-3 & D4695-3. WAIT FOR 2 TO 4 HOURS FOR FUNCTIONAL CURE

 9) LOCATE LABELS AS SHOWN, SEAL LABELS USING 3950 EDGE SEALER OVER LABEL TOP SURFACE

 10) APPLY AN EVEN COAT OF 3M SCOTCH WELD 1300L CONTACT ADHESIVE TO BOND D5022-3 FOAM CORE TO INSIDE OF PANEL
- 11) CENTER D5022-3 FOAM ON D4635-3

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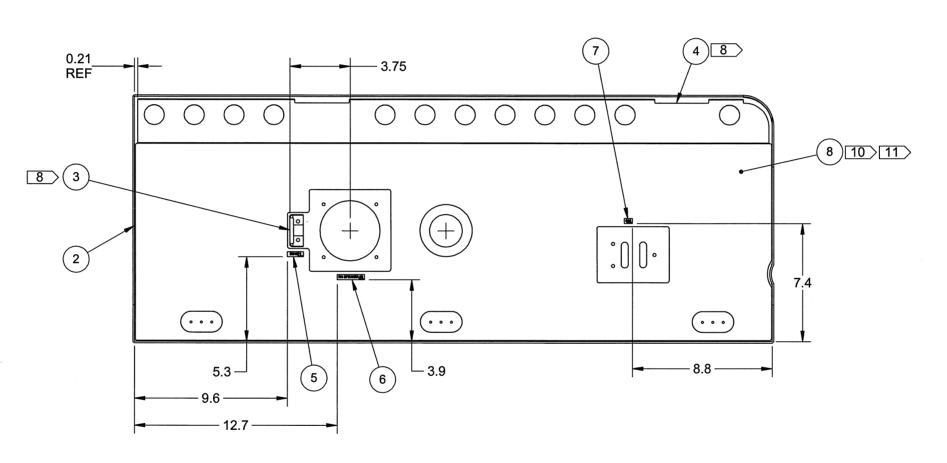
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Ω	DRAWN	VS	HAWKESBURY, ONTARIO, CANADA
Ä	CHECKED	RF	DRAWING NO. REV. G
Ó	MFG. APPR.	DD	D4635 SHEET 11 OF 18
ሺ	APPROVED	WK .,	TITLE SCALE
Д	DE APPR.	DS	OUTBOARD CEILING PANELS NTS
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	ITEM	QTY -144	P/N	DESCRIPTION	
	1	Х	D4635-144	RH, AFT CEILING REPLACEMENT PANEL ASSY	
	2	1	D4635-4	RH, AFT CEILING PANEL	1
	3	1	D4669-1	BRACKET	
	4	1	D4695-4	CHANNEL	
9	5	1	D4732-11	LABEL	D
9	6	1	D4732-39	LABEL	
9	7	1	D4732-41	LABEL	
	8	1	D5022-5	FOAM, SIDE PANEL, AFT, RH	



D4635-144 RH, AFT CEILING REPLACEMENT PANEL ASSY

NOTES: 1) MATERIAL: N/A

2) FINISH: N/A

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

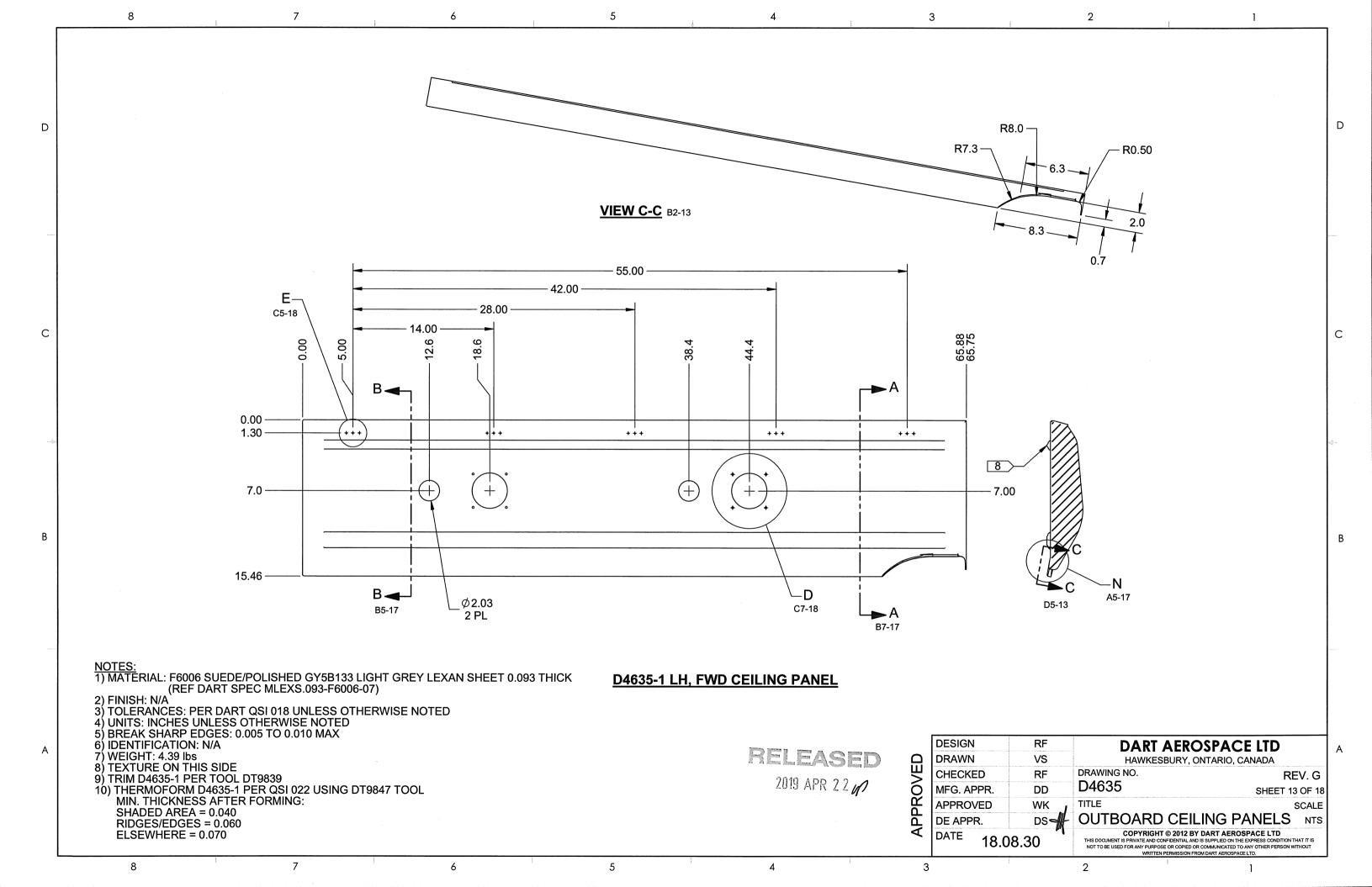
8) APPLY A BEAD (0.20 TO 0.30 WIDE) OF DEVCON PLASTIC WELDER II (0.25 INSIDE OF BOTH EDGES OF PART) TO BOND D4669-1, D4695-4. WAIT FOR 2 TO 4 HOURS FOR FUNCTIONAL CURE
9) LOCATE LABELS AS SHOWN, SEAL LABELS USING 3950 EDGE SEALER OVER LABEL TOP SURFACE
10) APPLY AN EVEN COAT OF 3M SCOTCH WELD 1300L CONTACT ADHESIVE TO BOND D5022-5 FOAM CORE TO INSIDE OF PANEL

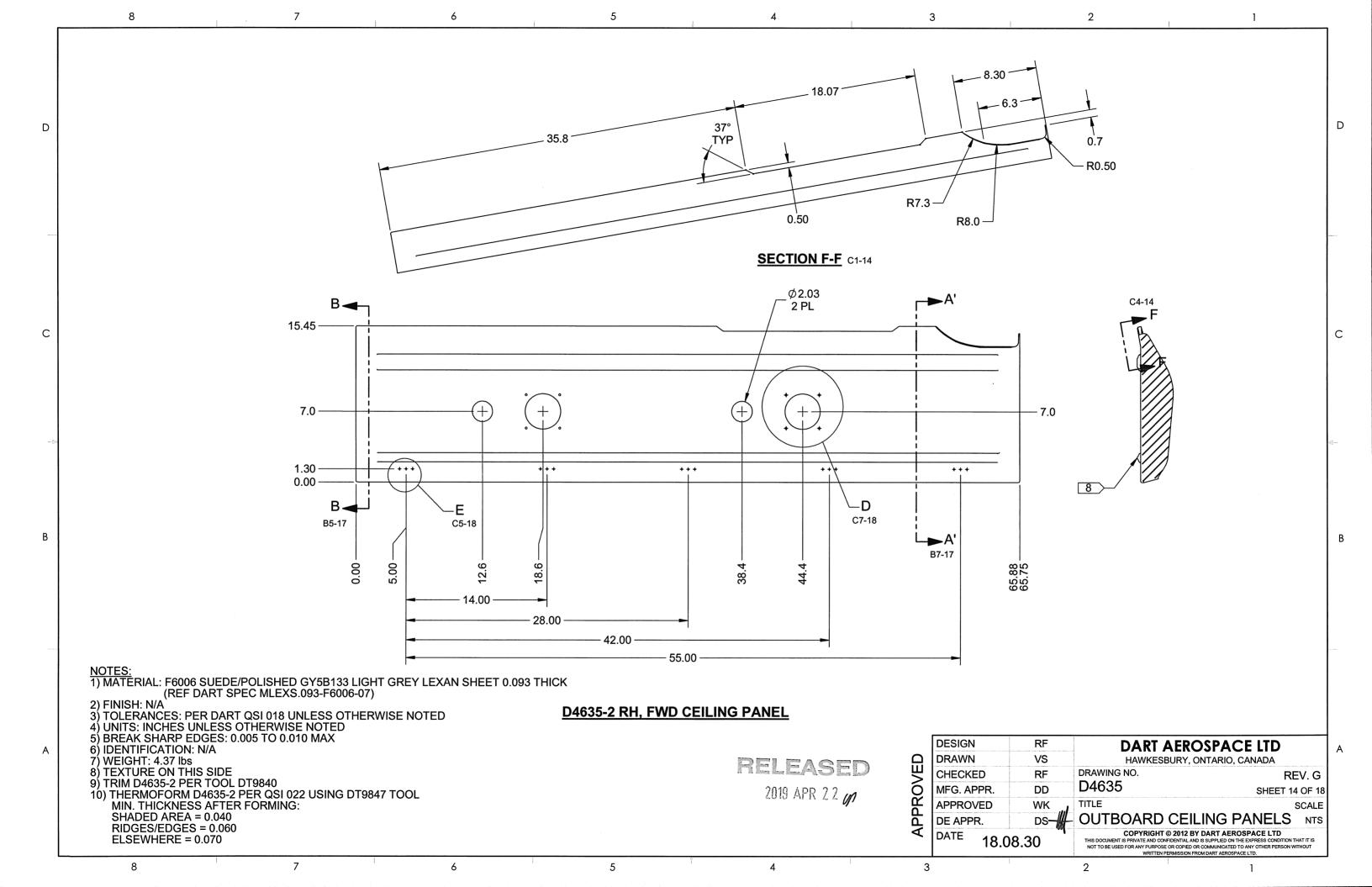
11) CENTER D5022-5 FOAM ON D4635-4

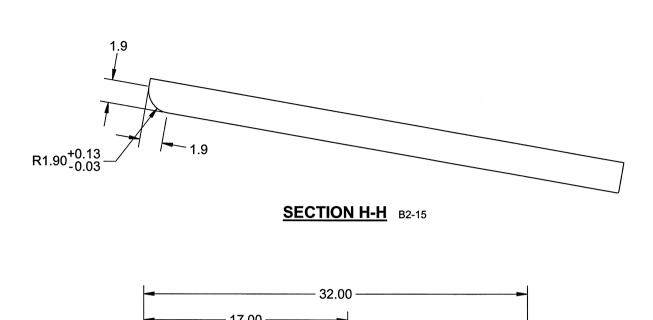
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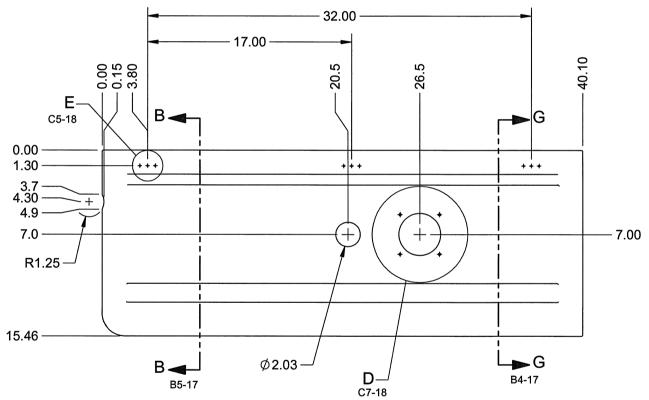
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/ED	DRAWN	VS	HAWKESBURY, ONTARIO, CANADA	
	CHECKED	RF	DRAWING NO. REV. G	
Ó	MFG. APPR.	DD	D4635 SHEET 12 OF 18	
ሺ	APPROVED	WK "	TITLE SCALE	
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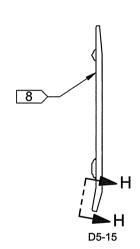






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С

D4635-3 LH, AFT CEILING PANEL

NOTES:
1) MATERIAL: F6006 SUEDE/POLISHED GY5B133 LIGHT GREY LEXAN SHEET 0.093 THICK (REF DART SPEC MLEXS.093-F6006-07)

8

- (REF DART SPEC MLEXS.093-F6006-07)

 2) FINISH: N/A

 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

 4) UNITS: INCHES UNLESS OTHERWISE NOTED

 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

 6) IDENTIFICATION: N/A

 7) WEIGHT: 2.66 lbs

 8) TEXTURE ON THIS SIDE

 9) TRIM D4635-3 PER TOOL DT9841

 10) THERMOFORM D4635-3 PER QSI 022 USING DT9849 TOOL

 MIN. THICKNESS AFTER FORMING:

 RIDGFS/EDGES = 0.060

RIDGES/EDGES = 0.060

ELSEWHERE = 0.070

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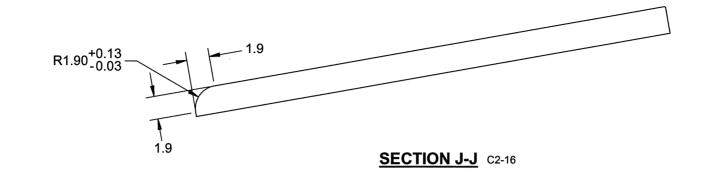
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ద	DE APPR.	DS-	OUTBOARD CEILING PANELS	NTS
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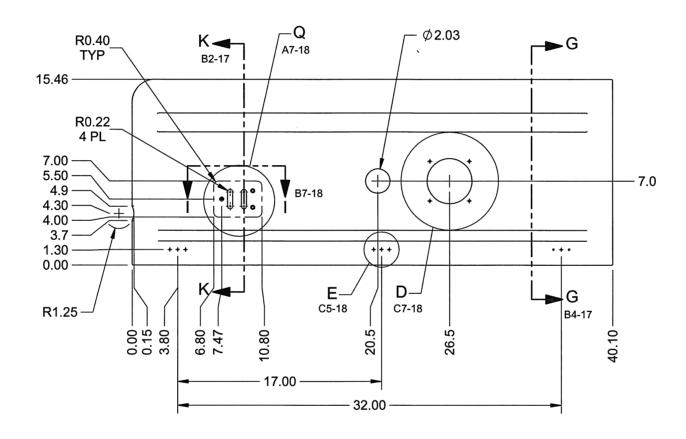
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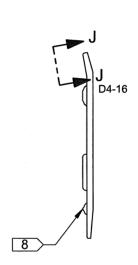
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2

D4635-4 RH, AFT CEILING PANEL

NOTES:
1) MATERIAL: F6006 SUEDE/POLISHED GY5B133 LIGHT GREY LEXAN SHEET 0.093 THICK (REF DART SPEC MLEXS.093-F6006-07)

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2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 2.66 lbs
8) TEXTURE ON THIS SIDE

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9) TRIM D4635-4 PER TOOL DT9842
10) THERMOFORM D4635-4 PER QSI 022 USING DT9850 TOOL MIN. THICKNESS AFTER FORMING:
RIDGES/EDGES = 0.060
ELSEWHERE = 0.070

RELEASED

2019 APR 22 M

	DESIGN	RF	DART AEROSPACE LTD	
ָנ	DRAWN	VS	HAWKESBURY, ONTARIO, CANADA	
>]	CHECKED	RF	DRAWING NO. REV. G	
	MFG. APPR.	DD	D4635 SHEET 16 OF 18	
	APPROVED	WK "	TITLE SCALE	
	DE APPR.	DS	OUTBOARD CEILING PANELS NTS	
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